To: CN=Lenny Grossman/OU=R2/O=USEPA/C=US@EPA[]
Cc: []
From: CN=Gary Nurkin/OU=R2/O=USEPA/C=US
Sent: Mon 5/14/2012 6:01:22 PM
Subject: Re: Fw: LEAF Data Models

Lenny:

Thanks for what you sent. I would be interested in what you receive. However, while your questions are similar, I do not know whether they overlap exactly with what I was requesting. Perhaps it is because I am still trying to play catch up with you or we are viewing the issues differently.

Gary

From: Lenny Grossman/R2/USEPA/US
To: Gary Nurkin/R2/USEPA/US@EPA
Date: 05/14/2012 01:49 PM
Subject: Fw: LEAF Data Models

FYI
----- Forwarded by Lenny Grossman/R2/USEPA/US on 05/14/2012 01:49 PM -----

From: Lenny Grossman/R2/USEPA/US
To: Susan Thorneloe/RTP/USEPA/US@EPA
Date: 05/11/2012 11:46 AM
Subject: Re: LEAF Data Models

Susan,

Here is the list of questions for the group. Thanks again.

Len

Questions on LEAF Data Modeling

1) How can we use the Method 1313 data we have obtained for the Agremax sample to populate a model to provide an estimate of contaminant levels in groundwater downgradient from the Puerto Rico land application sites ?

2) What model would be best, and what additional data would we need i.e., further analysis by Method 1315, hydraulic conductivity, soil type, rainfall pH, etc., to populate the model ?

3) Will the model provide a "steady state" estimate of contaminant concentrations in groundwater, i.e., at 10, 20, 30, etc. years, and at equilibrium, i.e., maximum concentrations at X years ?

4) Will the model provide estimates at various downgradient distances ?

5) How robust will the model results be with respect to our being able to defend them (and any related conclusions drawn from them regarding potential harm) in court ?